Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently Amended) A method to improve a flow rate of an imprinting material, said method comprising:

collecting thermal radiation at a target, defining collected thermal energy; and

transferring said collected thermal energy to said imprinting material by conduction, with said imprinting material being substantially transparent to said thermal radiation while being responsive to ultraviolet radiation.

2. (Original) The method as recited in claim 1 wherein transferring further includes providing a sufficient quantity of said collected thermal energy to said imprinting material to reduce a viscosity thereof.

3. (Original) The method as recited in claim 1 wherein said imprinting material has a glass transition temperature associated therewith and transferring further includes providing a sufficient quantity of said collected thermal energy to said imprinting material to provide said imprinting material with a temperature greater than said glass transition temperature.

4. (Original) The method as recited in claim 1 wherein transferring further includes providing a sufficient quantity of said collected thermal energy to said imprinting material to cross-link said imprinting material.

5. (Original) The method as recited in claim 1 wherein collecting said thermal radiation further includes propagating said thermal radiation through said imprinting material.

6. (Previously Presented) The method as recited in claim 1 further including positioning said imprinting material upon a substrate, wherein collecting said thermal radiation further includes propagating said thermal radiation through said substrate.

7. (Previously Presented) The method as recited in claim 1 further including providing a body having first and second opposed sides, with collecting further including collecting said thermal radiation proximate to said first side and transferring said thermal radiation to said second side.

8. (Previously Presented) The method as recited in claim 7 wherein providing further includes disposing said imprinting layer on said second side.

9. (Previously Presented) The method as recited in claim 1 further including providing a substrate having first and second opposed sides, with collecting further including collecting said thermal radiation proximate to said first side and transferring said thermal radiation to said second side.

10. (Previously Presented) The method as recited in claim 1 wherein said method further includes positioning a mold, having a plurality of protrusions and recesses, proximate to said imprinting material, with said imprinting material substantially filling said plurality of recesses, and impinging actinic energy upon said imprinting material to polymerize said imprinting material.

11. (Currently Amended) A method to improve a flow rate of imprinting material, said method comprising:

impinging thermal radiation upon a target to collect thermal energy therein, defining collected thermal energy, with said imprinting material in superimposition with said target; and

conducting said collected thermal energy to said imprinting material to increase a temperature thereof, with said imprinting material being substantially transparent to said thermal radiation while being responsive to ultraviolet radiation.

12. (Previously Presented) The method as recited in claim 11 wherein said method further includes positioning a mold, having a plurality of protrusions and recesses, proximate to said imprinting material, with said imprinting material substantially filling said plurality of recesses, and impinging actinic energy upon said imprinting material to polymerize said imprinting material.

13. (Previously Presented) The method as recited in claim 11 wherein conducting said collected thermal energy further includes reducing a viscosity of said imprinting material.

14. (Previously Presented) The method as recited in claim 11 wherein said imprinting material has a glass transition temperature associated therewith and conducting further includes providing a sufficient quantity of said collected thermal energy to said imprinting material to provide said imprinting material with a temperature greater than said glass transition temperature.

15. (Previously Presented) The method as recited in claim 11 wherein conducting further includes providing a sufficient quantity of said collected thermal energy to said imprinting material to cross-link said imprinting material.

16. (Previously Presented) The method as recited in claim 11 wherein said method further includes positioning said imprinting material upon a surface of said target.

17. (Previously Presented) The method as recited in claim 11 wherein impinging said thermal radiation further includes propagating said radiation through said imprinting material.

18-24. (Cancelled)

25. (New) A method to improve a flow rate of an imprinting material, said method comprising:

directing thermal radiation, upon an absorption layer, with said thermal radiation propagating through said imprinting material;

collecting said thermal radiation at said absorption layer, defining collected thermal energy; and

transferring said collected thermal energy from said absorption layer to said imprinting material by conduction to reduce a viscosity of said imprinting material, with said imprinting material being substantially transparent to said thermal radiation while being responsive to ultraviolet radiation.

26. (New) The method as recited in claim 1 wherein said material being response to said ultraviolet radiation further includes polymerizing said imprinting material.

27. (New) The method as recited in claim 11 wherein said material being response to said ultraviolet radiation further includes polymerizing said imprinting material.

28. (New) The method as recited in claim 25 wherein said material being response to said ultraviolet radiation further includes polymerizing said imprinting material.

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